

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 9 | ("5528687" "5896420" "6246716" "6259680").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/11 15:12 |
| S4 | 57 | S3 and (transmit\$5 and receiv\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/13 17:25 |
| S5 | 3 | S4 and ((rise near3 time) with (adjust \$4 or adapt\$4 or shift\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/13 17:26 |
| S6 | 3 | (US-4912758-\$ or US-4991166-\$ or US-6351509-\$).did. | USPAT | OR | ON | 2007/03/13 17:31 |
| S7 | 1 | (echo near3 cancell\$7) and (coarse near3 delay) and (fine near3 delay) and (amplitude near3 (control or adjust\$4)) and (rise near3 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:09 |
| S10 | 1 | (US-6166573-\$).did. | USPAT | OR | ON | 2007/03/14 21:12 |
| S8 | 8 | (echo near3 cancell\$7) and (coarse near3 delay) and (fine near3 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:16 |
| S14 | 3 | S13 and (rise near3 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:19 |
| S13 | 4 | (US-4912758-\$ or US-4991166-\$ or US-6166573-\$ or US-6351509-\$).did. | USPAT | OR | ON | 2007/03/14 21:19 |
| S12 | 1 | S11 and @pd< "20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:25 |

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|-----|------|---|---|----|----|---------------------|
| S11 | 2 | (echo near3 cancell\$7) and (amplitude near3 (adjust\$4 or control)) and (rise near3 time near3 (control or adjust\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:25 |
| S17 | 65 | (adjust near3 rise near3 time) and (match or echo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:30 |
| S16 | 6 | S15 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:30 |
| S15 | 11 | (echo near3 cancell\$7) and (rise near3 time near3 (control or adjust\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:30 |
| S19 | 0 | S18 and (echo near3 cancell\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:31 |
| S21 | 2331 | ((rise near3 time) near4 (control or adjust\$4)) and (pulse or bits) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:35 |
| S20 | 3 | S18 and (echo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:35 |
| S18 | 27 | S17 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:37 |
| S23 | 6 | S22 and (echo near3 cancell\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:40 |

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| S24 | 527 | (rise near3 time) WITH adjust | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:41 |
| S22 | 1769 | S21 and @pd< "20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:41 |
| S26 | 26 | S25 and ((waveform or pulse or signal) with match) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:42 |
| S27 | 1 | 2002-478158.NRAN. | DERWENT | OR | ON | 2007/03/14 21:44 |
| S29 | 2 | S28 and (rise near2 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:45 |
| S28 | 2 | ("6362672").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/14 21:45 |
| S30 | 1 | (US-6362672-\$).did. | USPAT | OR | ON | 2007/03/14 21:46 |
| S31 | 2 | (US-6166573-\$ or US-6278785-\$). did. | USPAT | OR | ON | 2007/03/14 21:49 |
| S32 | 3 | (US-6166573-\$ or US-6278785-\$ or US-6362672-\$).did. | USPAT | OR | ON | 2007/03/14 21:52 |
| S33 | 0 | S32 and (training near3 (pattern or sequence)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:54 |
| S34 | 1 | S32 and (peak near3 detect\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:55 |
| S36 | 24 | S35 and @pd< "20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:56 |

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| S35 | 42 | (echo near3 cancell\$5) and (peak near3 detector) and (amplitude same phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:56 |
| S25 | 330 | S24 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/14 21:56 |
| S37 | 3 | (US-4912758-\$ or US-4991166-\$ or US-6351509-\$).did. | USPAT | OR | ON | 2007/03/15 20:40 |
| S38 | 1 | S37 and (peak near3 detect\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:41 |
| S2 | 131 | (rise near3 time) and (echo near3 cancell\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:43 |
| S39 | 55 | (echo near3 cancell\$6) and ((peak near3 detect\$5) same (error or (residual near3 echo))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:44 |
| S40 | 32 | S39 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:45 |
| S9 | 5 | S8 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:45 |
| S41 | 26 | S40 and (DAC or (digital near3 analog)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:51 |
| S44 | 0 | S43 and (echo near cancell\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:56 |

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| S42 | 10 | (delay near3 line) with (cascade near3 buffer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 20:56 |
| S45 | 1 | (US-20020070783-\$).did. | US-PGPUB | OR | ON | 2007/03/15 21:00 |
| S46 | 1 | S43 and (multiplexer with (delay near3 line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:04 |
| S47 | 1 | (US-5278567-\$).did. | USPAT | OR | ON | 2007/03/15 21:07 |
| S48 | 0 | (ammplitude near3 cancellation near3 sensor) and (buffer) and (variable near2 load) and (transistor or FET) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:13 |
| S51 | 32 | S50 and (amplitude near3 adjust\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:14 |
| S50 | 744 | (buffer) and (variable near2 load) and (transistor or FET) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:14 |
| S49 | 2 | (amplitude near3 cancellation near3 sensor) and (buffer) and (variable near2 load) and (transistor or FET) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:14 |
| S43 | 8 | S42 and @pd< "20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:15 |
| S53 | 16 | S52 and buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:18 |

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| S55 | 1556 | (amplitude adj control adj circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:21 |
| S54 | 2 | (amplitude near3 control) same buffer same (variable near3 load) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:21 |
| S58 | 4 | S57 and buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:22 |
| S56 | 15 | S55 and (transistor) and (variable near3 load) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:22 |
| S52 | 16 | S51 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:22 |
| S59 | 1 | (US-6404255-\$.).did. | USPAT | OR | ON | 2007/03/15 21:27 |
| S60 | 11115 | (transistor near3 NMOS) and (gate near2 voltage) and resist\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:29 |
| S62 | 44 | S61 and (variable near2 load) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:30 |
| S57 | 11 | S56 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:30 |
| S64 | 67 | S63 and (buffer or (delay near3 line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:31 |

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| S63 | 87 | "L231" and (buffer or (delay near3 line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:31 |
| S66 | 124 | (delay adj line) same multiplex\$5 same (control near3 logic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:37 |
| S65 | 25 | S62 and (buffer or (delay near3 line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:37 |
| S68 | 63 | S67 and Buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:38 |
| S67 | 96 | S66 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:38 |
| S61 | 5963 | S60 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 21:38 |
| S69 | 1 | (US-4458165-\$).did. | USPAT | OR | ON | 2007/03/15 21:40 |
| S71 | 1 | (US-5278567-\$).did. | USPAT | OR | ON | 2007/03/15 21:44 |
| S70 | 1 | (US-4549048-\$).did. | USPAT | OR | ON | 2007/03/15 21:44 |
| S72 | 1 | (US-5334891-\$).did. | USPAT | OR | ON | 2007/03/15 21:45 |
| S75 | 8 | S73 and (differential near3 buffer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 22:09 |
| S74 | 0 | ("L1and(differentialnear3buffer)").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/15 22:09 |

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| S73 | 610 | (375/220).CCL5. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/15 22:09 |
| S76 | 2 | S75 and (echo near3 cancel\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/15 22:10 |
| S77 | 3622 | (rise near2 time) with capacitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 13:33 |
| S3 | 75 | S2 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 13:34 |
| S79 | 1 | S78 and (echo near2 cancel\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 13:35 |
| S78 | 3046 | S77 and @pd<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/16 13:35 |
| S80 | 1 | (US-4991166-\$).did. | USPAT | OR | ON | 2007/03/16 13:36 |
| S81 | 26 | ((("6246716") or ("6100716") or ("4755984") or ("6320867") or ("4977551") or ("5742201") or ("5559841") or ("6078356") or ("3988686") or ("5790335") or ("5787114") or ("5726592") or ("6259680")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/16 14:05 |
| S82 | 13 | (US-3988686-\$ or US-4755984-\$ or US-4977551-\$ or US-5559841-\$ or US-5726592-\$ or US-5742201-\$ or US-5787114-\$ or US-5790335-\$ or US-6078356-\$ or US-6100716-\$ or US-6246716-\$ or US-6259680-\$ or US-6320867-\$).did. | USPAT | OR | ON | 2007/03/16 14:07 |
| S86 | 4 | S85 and (differential) and (echo near3 cancel\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:34 |

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| S85 | 23 | S83 or S84 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:34 |
| S84 | 13 | (US-6259680-\$ or US-6246716-\$ or US-6320867-\$ or US-6100716-\$ or US-6078356-\$ or US-5790335-\$ or US-5787114-\$ or US-5742201-\$ or US-5726592-\$ or US-5559841-\$ or US-4977551-\$ or US-4755984-\$ or US-3988686-\$).did. | USPAT | OR | ON | 2008/05/18 23:34 |
| S83 | 10 | ((US-20020070783-\$).did. or (US-6278785-\$ or US-5278567-\$ or US-6404255-\$ or US-4991166-\$ or US-5334891-\$ or US-4458165-\$ or US-6166573-\$ or US-6362672-\$ or US-4549048-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/05/18 23:34 |
| S88 | 130 | S87 and @ad<"20031209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:44 |
| S87 | 160 | (differential) with (echo near3 cancel \$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:44 |
| S90 | 8 | S89 and ((differential near3 (buffer or amplifier)) and (echo near3 cancel \$6)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:45 |
| S89 | 48 | S88 and (differential near3 (buffer or amplifier)) and (echo near3 cancel \$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:45 |
| S91 | 1 | ("6370245").FN. OR ("6973182").URFN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/18 23:55 |
| S92 | 161 | S91 or S87 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/18 23:59 |
| S93 | 111 | S87 and @ad<"20021209" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 00:00 |

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|------|----|---|---|----|----|---------------------|
| S95 | 1 | S91 and ((differential near3 (buffer or amplifier))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 00:01 |
| S94 | 0 | S91 and ((differential near3 (buffer or amplifier))) and (echo near3 cancel\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 00:01 |
| S96 | 5 | S93 and (((differential near3 (buffer or amplifier))) and (echo near3 cancel \$6)).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/19 00:11 |
| S97 | 1 | (US-7016489-\$).did. | USPAT | OR | ON | 2008/05/19 00:17 |
| S98 | 1 | (US-6408008-\$).did. | USPAT | OR | ON | 2008/05/19 00:44 |
| S102 | 14 | (US-6259680-\$ or US-6246716-\$ or US-6320867-\$ or US-6100716-\$ or US-6078356-\$ or US-5790335-\$ or US-5787114-\$ or US-5742201-\$ or US-5726592-\$ or US-5559841-\$ or US-4977551-\$ or US-4755984-\$ or US-3988686-\$ or US-6408008-\$).did. | USPAT | OR | ON | 2008/12/19 19:10 |
| S101 | 4 | (US-6259680-\$ or US-6246716-\$ or US-5896420-\$ or US-5528687-\$).did. | USPAT | OR | ON | 2008/12/19 19:10 |
| S100 | 3 | (US-6351509-\$ or US-4912758-\$ or US-4991166-\$).did. | USPAT | OR | ON | 2008/12/19 19:10 |
| S99 | 10 | (US-20020070783-\$).did. or (US-6278785-\$ or US-5278567-\$ or US-6404255-\$ or US-4991166-\$ or US-5334891-\$ or US-4458165-\$ or US-6166573-\$ or US-6362672-\$ or US-4549048-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/12/19 19:10 |
| S104 | 3 | S103 and (train\$3) and (amplitude and phase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 19:11 |
| S103 | 28 | S99 or S100 or S101 or S102 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 19:11 |
| S106 | 6 | S103 and (((train\$3 or adjust\$4) same (amplitude and phase))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 19:12 |

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| S105 | 0 | S103 and ((train\$3) same (amplitude and phase)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 19:12 |
| S107 | 1 | (US-6278785-\$).did. | USPAT | OR | ON | 2008/12/19 19:36 |
| S108 | 1117 | (code same (echo near2 cancel\$8)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 21:20 |
| S109 | 24 | ((("4,977,551") or ("4,991,166") or ("5,278,567") or ("5,334,891") or ("6,100,716") or ("6,166,573") or ("6,246,716") or ("6,278,785") or ("6,320,867") or ("6,362,672") or ("6,404,255") or ("20020070783"))).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/19 22:21 |
| S110 | 12 | (US-20020070783-\$).did. or (US-4977551-\$ or US-4991166-\$ or US-5278567-\$ or US-5334891-\$ or US-6100716-\$ or US-6166573-\$ or US-6246716-\$ or US-6278785-\$ or US-6320867-\$ or US-6362672-\$ or US-6404255-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/12/19 22:23 |
| S118 | 0 | S111 and S117 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 22:28 |
| S117 | 3 | S116 and (train\$3) and (amplitude and phase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 22:28 |
| S116 | 28 | S112 or S113 or S114 or S115 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/19 22:28 |
| S115 | 14 | (US-6259680-\$ or US-6246716-\$ or US-6320867-\$ or US-6100716-\$ or US-6078356-\$ or US-5790335-\$ or US-5787114-\$ or US-5742201-\$ or US-5726592-\$ or US-5559841-\$ or US-4977551-\$ or US-4755984-\$ or US-3988686-\$ or US-6408008-\$).did. | USPAT | OR | ON | 2008/12/19 22:28 |
| S114 | 4 | (US-6259680-\$ or US-6246716-\$ or US-5896420-\$ or US-5528687-\$).did. | USPAT | OR | ON | 2008/12/19 22:28 |
| S113 | 3 | (US-6351509-\$ or US-4912758-\$ or US-4991166-\$).did. | USPAT | OR | ON | 2008/12/19 22:28 |

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|------|-----|--|---|----|-----|---------------------|
| S112 | 10 | (US-20020070783-\$).did. or (US-6278785-\$ or US-5278567-\$ or US-6404255-\$ or US-4991166-\$ or US-5334891-\$ or US-4458165-\$ or US-6166573-\$ or US-6362672-\$ or US-4549048-\$).did. | US-PGPUB; USPAT | OR | ON | 2008/12/19 22:28 |
| S111 | 270 | (381/66).CQLS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/19 22:28 |
| S119 | 637 | (training or pilot) and "finite state machine" and ("integrated circuit" or chip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 23:12 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--------------------------|------------------|---------|------------------|
| L1 | 439943 | ((("327") or ("340") or ("370") or ("375") or ("381")).CLAS | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/04 11:36 |
| L2 | 2 | (transmitter and receiver and (differential near2 buffer) and train\$3).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/04 11:37 |
| L3 | 2 | L2 and (amplitude and phase and peak).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/04 11:38 |
| L4 | 2 | L2 and ((analog adj2 digital) or ADC).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/12/04 11:39 |

12/ 4/ 2009 11:41:07 AM

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